Prekindergarten | Connecticut Early Learning and Development Standards Correlation to *Eureka Math²*®

When the original *Eureka Math*® curriculum was released, it quickly became the most widely used K–5 mathematics curriculum in the country. Now, the Great Minds® teacher–writers have created *Eureka Math²*®, a groundbreaking new curriculum that helps teachers deliver exponentially better math instruction while still providing students with the same deep understanding of and fluency in math. *Eureka Math²* carefully sequences mathematical content to maximize vertical alignment—a principle tested and proven to be essential in students' mastery of math—from prekindergarten through high school.

While this innovative new curriculum includes all the trademark *Eureka Math* aha moments that have been delighting students and teachers for years, it also boasts these exciting new features:

Teachability

Eureka Math² employs streamlined materials that allow teachers to plan more efficiently and focus their energy on delivering high-quality instruction that meets the individual needs of their students. Differentiation suggestions, slide decks, digital interactives, and multiple forms of assessment are just a few of the resources built right into the teacher materials.

Accessibility

Eureka Math² incorporates Universal Design for Learning principles so all learners can access the mathematics and take on challenging math concepts. Student supports are built into the instructional design and are clearly identified in the *Teach* book. Further, the curriculum carries a focus on readability. By eliminating unnecessary words and using simple, clear sentences, the *Eureka Math²* teacher–writers have created one of the most readable mathematics curricula on the market. The curriculum's readability and accessibility help all students see themselves as mathematical thinkers and doers who are fully capable of owning their mathematics learning.

Digital Engagement

The digital elements of *Eureka Math²* add to students' engagement with the math. The curriculum provides teachers with digital slides for select lessons. In addition, each grade level includes wordless videos that spark students' interest and curiosity. Students at all levels work through mathematical explorations that help lead to their own mathematical discoveries. Videos provide opportunities for students to wonder, explore, and make sense of mathematics, which contributes to the development of a strong, positive mathematical identity.

Standards for Mathematical Practice	Aligned Components of *Eureka Math²*
MP.1 Make sense of problems and persevere in solving them.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.2 Reason abstractly and quantitatively.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.3 Construct viable arguments and critique the reasoning of others.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.4 Model with mathematics.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.5 Use appropriate tools strategically.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.6 Attend to precision.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.7 Look for and make use of structure.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.8 Look for and express regularity in repeated reasoning.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.

Early learning experiences will support children to understand counting and cardinality.
Number Names

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.1 Say or sign the number sequence up to at least 20.	PK M1 Lesson 3: Crayon Group PK M1 Lesson 5: Sorting Bags PK M1 Lesson 6: Matching Markers PK M1 Lesson 8: Let's Count! PK M1 Lesson 10: Written Numbers PK M1 Lesson 15: Let's Count! PK M1 Lesson 25: More Written Numbers PK M1 Lesson 26: Count on the Rekenrek PK M1 Lesson 27: 5-Groups PK M1 Lesson 30: Let's Count and Record! PK M2 Lesson 17: Let's Count and Record! PK M3 Topic C: Analyze the Count Sequence PK M4 Lesson 17: Let's Count and Compare! PK M5 Lesson 1: Bears on Stairs PK M5 Lesson 2: 1 Less PK M5 Lesson 3: 1 More, 1 Less PK M5 Lesson 24: Let's Count and Record! PK M6 Topic A: Project: Create a Business PK M6 Topic C: Project: Care for Our Space

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Cardinality

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.2 Count up to 10 objects using one-to-one correspondence, regardless of configuration, using the number name of the last object counted to represent the total number of objects in a set.	PK M1 Lesson 7: Animal Count PK M1 Lesson 8: Let's Count! PK M1 Lesson 9: How Many? PK M1 Lesson 14: Rice Scoops PK M1 Lesson 15: Let's Count! PK M1 Lesson 18: Forest Path Game PK M1 Lesson 24: Mystery Eggs PK M1 Lesson 28: Counting with Puppet PK M1 Lesson 29: Match Game PK M1 Lesson 30: Let's Count and Record! PK M1 Lesson 34: Culminating Activity PK M2 Lesson 17: Let's Count and Record! PK M3 Lesson 7: Do You See 5? PK M3 Lesson 9: Decompose 6 and 7 PK M3 Lesson 10: Decompose 8 and 9 PK M3 Lesson 11: Decompose 10 PK M3 Lesson 17: Let's Count and Record! PK M4 Lesson 17: Let's Count and Compare! PK M5 Lesson 24: Let's Count and Record! PK M6 Topic A: Project: Create a Business PK M6 Topic B: Project: Plan a Celebration PK M6 Topic C: Project: Care for Our Space

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.3 Count out a set of objects up to five.	PK M1 Topic D: Count Out a Set of Up to 5 Objects PK M1 Lesson 31: Match or No Match? PK M1 Lesson 32: Make It Match PK M1 Lesson 33: Dinosaur World PK M3 Lesson 8: Make Your Own Rekenrek! PK M6 Topic A: Project: Create a Business PK M6 Topic B: Project: Plan a Celebration

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Written Numerals

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.4 Recognize written numerals up to at least 10.	PK M1 Lesson 10: Written Numbers PK M1 Lesson 11: Match Game PK M1 Lesson 12: Count the Math Way PK M1 Lesson 13: Rosetta Stone PK M1 Lesson 14: Rice Scoops PK M1 Lesson 16: Number Recipe PK M1 Lesson 17: Bean Bag Toss PK M1 Lesson 21: How Many Ways? PK M1 Lesson 22: Animal Sort PK M1 Lesson 25: More Written Numbers PK M1 Lesson 29: Match Game

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.4 *continued*	PK M1 Lesson 31: Match or No Match?
	PK M1 Lesson 32: Make It Match
	PK M1 Lesson 34: Culminating Activity
	PK M6 Topic A: Project: Create a Business
	PK M6 Topic B: Project: Plan a Celebration

Early learning experiences will support children to understand counting and cardinality.

Recognition of Quantity

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.5 Quickly recognize and name, without counting, the number of objects in collections of up to at least five items.	PK M1 Lesson 7: Animal Count
	PK M1 Lesson 11: Match Game
	PK M1 Lesson 29: Match Game
	PK M3 Lesson 7: Do You See 5?

Early learning experiences will support children to understand counting and cardinality.
Comparison

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.6 Compare sets of up to 10 objects using a visual matching or counting strategy and describing the comparison as more, less than, or the same.	PK M4 Topic D: Compare Sets PK M4 Lesson 18: How Many Crayons? PK M4 Lesson 19: Compare Groups PK M4 Lesson 20: Explore Area PK M4 Lesson 21: How Many Scoops? PK M6 Topic A: Project: Create a Business PK M6 Topic B: Project: Plan a Celebration PK M6 Topic C: Project: Care for Our Space

Early learning experiences will support children to understand and describe relationships to solve problems (operations and algebraic thinking).
Number Operations

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.7 Use real-world situations and concrete objects to model and solve addition (e.g., putting together) and subtraction (e.g., taking away) problems up through five.	PK M5 Lesson 3: 1 More, 1 Less PK M5 Lesson 4: 1 More, 1 Less the Math Way PK M5 Lesson 5: Market Math PK M5 Topic B: Represent Addition Stories PK M5 Topic D: Represent Subtraction Stories PK M6 Topic C: Project: Care for Our Space

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.8 Recognize and describe parts contained in larger numbers by composing number combinations up to at least five (e.g., recognize how many have been secretly taken away from a group of five objects).	PK M3 Lesson 3: Decompose 3 PK M3 Lesson 4: Decompose 4 PK M3 Lesson 5: Decompose 5 PK M3 Lesson 6: 5-Piece Puzzles PK M3 Lesson 9: Decompose 6 and 7 PK M3 Lesson 10: Decompose 8 and 9 PK M3 Lesson 11: Decompose 10 PK M5 Topic C: Compose and Decompose Numbers in More than One Way

Early learning experiences will support children to understand the attributes and relative properties of objects (measurement and data).

Measurement

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.9 Compare the measurable attributes of two or more objects (e.g., length, weight, and capacity) and describe the comparison using appropriate vocabulary (e.g., *longer, shorter, same length, heavier, lighter, same weight, holds more, holds less, holds the same amount*).	PK M4 Topic A: Describe Size PK M4 Topic B: Compare Heights and Lengths PK M4 Topic C: Compare Weights PK M4 Lesson 21: How Many Scoops? PK M4 Lesson 22: Compare Attributes PK M6 Topic C: Project: Care for Our Space

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.10 Begin to use strategies to determine measurable attributes (e.g., length or capacity of objects). May use comparison, standard or non-standard measurement tools.	PK M4 Topic A: Describe Size PK M4 Topic B: Compare Heights and Lengths PK M4 Topic C: Compare Weights PK M4 Lesson 21: How Many Scoops? PK M4 Lesson 22: Compare Attributes PK M6 Topic C: Project: Care for Our Space *Supplemental material is necessary to fully address the use of standard and non-standard measurement tools.*

Early learning experiences will support children to understand the attributes and relative properties of objects (measurement and data).

Data

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.11 Represent data using a concrete object or picture graph according to one attribute.	PK M4 Lesson 4: How Much Juice? PK M4 Lesson 13: Collect Data and Compare PK M4 Lesson 18: How Many Crayons? PK M4 Lesson 19: Compare Groups PK M5 Lesson 14: Sorting Apples PK M6 Topic A: Project: Create a Business PK M6 Topic B: Project: Plan a Celebration PK M6 Topic C: Project: Care for Our Space

Early learning experiences will support children to understand the attributes and relative properties of objects (measurement and data).

Sorting and Classifying

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.12 Sort and classify a set of objects on the basis of one attribute independently and describe the sorting rule. Can re-sort and classify the same set of objects based on a different attribute.	PK M1 Topic A: Use Attributes to Match and Sort PK M1 Topic E: Sort to Decompose PK M1 Lesson 34: Culminating Activity PK M2 Lesson 6: Sort the Shapes PK M5 Lesson 13: Turtle Time PK M5 Lesson 14: Sorting Apples PK M6 Topic A: Project: Create a Business

Early learning experiences will support children to understand shapes and spatial relationships (geometry and spatial sense).

Spatial Relationships

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.13 Use relational vocabulary of proximity (e.g., *beside*, *next to*, *between*, *above*, *below*, *over*, and *under*) to identify and describe the location of an object.	PK M2 Topic A: Spatial Relations PK M2 Lesson 8: Shape Games

Early learning experiences will support children to understand shapes and spatial relationships (geometry and spatial sense).

Identification of Shapes

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.14 Identify and describe a variety of 2-dimensional and 3-dimensional shapes with mathematical names (e.g., ball/sphere, box/rectangular prism, can/cylinder) regardless of orientation and size.	PK M2 Topic B: Analyze and Name Two-Dimensional Shapes PK M2 Lesson 11: Build Shapes PK M2 Lesson 12: Build My Shape PK M2 Lesson 13: Shape Towers PK M2 Lesson 14: Puppet's Picture PK M2 Lesson 15: Roll, Slide, or Stack PK M2 Lesson 16: Pyramids!

Early learning experiences will support children to understand shapes and spatial relationships (geometry and spatial sense).

Composition of Shapes

Connecticut Early Learning and Development Standards	Aligned Components of *Eureka Math²*
M.60.15 Complete a shape puzzle or a new figure by putting multiple shapes together with purpose.	PK M2 Lesson 9: Shape Pictures PK M2 Lesson 10: Shape Puzzles PK M2 Lesson 13: Shape Towers PK M2 Lesson 14: Puppet's Picture PK M2 Lesson 16: Pyramids! PK M3 Lesson 1: How Many Parts? PK M3 Lesson 2: Bunny Puzzles PK M6 Topic B: Project: Plan a Celebration